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Attachment 4

SUPPLEMENTAL DISTRIBUTION AND MICROPUBLISHING

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- 1. PSD produces for its customers some 92,000 cubic feet of publications annually. 20,000 cubic feet of extra copies (called "supplementary distribution") are stored. Micropublishing, using duplicate microfiche as a means of original dissemination of reports, catalogues and maintenance manuals as well as for reprints, is now a widely accepted media in Government as well as in industry. Simultaneous production by PSD of certain Agency publications in fiche as well as in hard copy is technically feasible. Microfiche cameras record at approximately the same speed as a roll film planetary camera. Duplicating on diazo is fast and inexpensive.
- 2. Microfiche produced directly from magnetic tape on COM devices is coming into greater use. It is used at present as a substitute for hard copy computer printout, of which the CIA generates some 30,000 cubic feet per year.
 - 3. Limitations to the use of microfiche are as follows:
 - a. Microfilm emulsions produce an excellent image of line work and text but will not satisfactorily record halftone photographs and color (color microfilm has insufficient resolution for maps, etc.). Fold-out maps and illustrations would have to be filmed in sections, and the information provided by the colors would, of course, be lost. Thus, the NIS which comprises perhaps 85 percent of the present "supplementary distribution" holdings would not be acceptable on microfiche with the present state of the art.

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b. Large quantities of microfilm readers are required to make micropublishing practical. However, they are simpler to use and less expensive than roll film readers and prices start at \$100. Reports and publications are being supplied to CIA on microfiche from several other Government agencies in increasing numbers, and this will provide additional incentive for the use of microfiche systems and readers in our own Agency.

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c. Lack of understanding and familiarity with readers and microforms tend to delay user acceptance of microfiche. "Seeing is believing" and more public relations, demonstrations and seminars are needed for promotion.